

IN THE SPECIFICATION

Please amend the specification as follows:

Replace the paragraph on page 3, between lines 26-32 of the specification with the following:

According to the invention, thanks to the mixer circuit 20, the data received on a first channel, e.g., received by the first antenna 17, are subjected to a rotation which is the opposite to that of the spreading code element which was used to chop into slices the data that was transmitted by the base station 8. This received data was modulated with complex time spreading coefficients $C_0, C_1 \dots C_N$ produced by the base station 8. The two demodulation branches 30, 31 of the RAKE receiver have code inputs for receiving the spreading coefficients $C_0, C_1 \dots C_N$ and the conjugate spreading coefficients $C_0^*, C_1^* \dots C_N^*$, respectively.

If As shown in Fig. 1, when the non-conjugate code $C_0, C_1 \dots C_N$ is applied to the first branch 30, the data received on a first channel are reconstructed. The data of received on the other second channel, e.g., received by the second antenna 15, are disturbed for not consistent with the non-conjugate code is not consistent with

them and thus not demodulated or reconstructed by the first branch
30. Similarly, holds for the data of the other received on the
second channel (e.g., via the second antenna 15) which are
demodulated with the conjugate code C_0^* , C_1^* ... C_N^* in the second
branch 31 of the RAKE receiver and thus reconstructed a consistent
manner, whereas the data of received on the first channel are
inconsistent with the conjugate code and thus not demodulated or
reconstructed in the second branch 31.